

PUS-H002-001 16
Substitute Specification (2nd Pre-Amendment)

FLEXIBLE VERTEBRAL LINKING DEVICE

Abstract of the Invention

~~The invention concerns a~~ A flexible intervertebral linking device (1) utilizes
~~two sets of structures consisting of two sets of means.~~ A first ~~set of means~~
~~structure (11) consisting of rigid means~~ is a rigid structure (110, 112, 114, 116)
preferably made of biocompatible metallic materials providing the device with
good mechanical resistance by integral load transmission without deformation. A
~~second set of means structure (12) consisting of~~ is a flexible or damping means
~~structure (121 and 122) made of biocompatible viscoelastic materials, admitting~~
~~permitting repeated elastic deformations, the combination of said two sets of~~
~~means the two structures providing it the device with both resistance and~~
mechanical stress damping of forces to which ~~wherein~~ it is subjected, with the
purpose of compensating to compensate for any deficiency in the flexibility of
flexible certain anatomical links of the human body.